

inReach™

User Manual



for Android



for Earthmate® PN-60w

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Getting Started

Welcome

The inReach™ two-way satellite communicator with GPS keeps you in reach wherever you go—whether you want to share your trip, check in with loved ones, or send an SOS in an emergency, you're always in reach.

- Use the inReach for Android with the Earthmate® app on your compatible phone tablet to take full advantage of two-way messaging and DeLorme maps.
- Use the inReach for Earthmate® PN-60w to experience all the PN-60w has to offer, with the addition of two-way messaging.
- Use either inReach alone to send your location to **explore.delorme.com**; send predefined messages that include your location to your contacts, Facebook, or Twitter; or send an SOS in an emergency.

What's in the Box

Your inReach package contains:

- inReach with pack clip and lanyard
- Micro USB cable
- 2 lithium AA batteries
- Quick Start Guide

inReach Interface



Batteries

The battery compartment is on the bottom of the inReach. Inside the battery compartment, you'll find a label with your device's IMEI number and authorization code; you'll need this when you activate your inReach at **explore.delorme.com**.

To insert the batteries

Remove the cover by unscrewing the D-ring screws, insert two lithium AA batteries according to the polarity symbols, and then replace the cover.

Low battery warning

When the lithium batteries are low (approximately 10% of their power remains), the Power LED will flash red once every three seconds. When power loss is imminent, the Power LED flashes red every 1.5 seconds.

Two (2) AA batteries are required for use. Lithium batteries provide the best performance and are strongly recommended. Alkaline and NiMH batteries can be used in an emergency; the low battery warning is not accurate for these types of batteries.

Micro USB Port

The micro USB port is located in the battery compartment. This is used to update the device (this happens infrequently). If an update is required, you will be notified and instructions will be provided.

Set Up Your inReach Account

Create an account and activate the inReach

Before you start using the inReach, you must set up an account at **explore.delorme.com**. During the account setup process, you will choose your inReach service plan and add information about your emergency contacts. Once you log in to your account, you should add your contacts to the Address Book and customize the predefined inReach messages in the Message Book so you can better use the inReach in standalone mode.

Click the **Help** link at the top of **explore.delorme.com** for help with using the website.

- If you will be using the inReach with an Earthmate® PN-60w, see *Using the inReach with a PN-60w* on page 8 for information about syncing your account info with your device. See the Help page on **explore.delorme.com** for detailed information.
- If you will be using the inReach with an Android phone, you will need to download the free Earthmate® app from the Android Market (**market.android.com**) to your phone and sync your account with the Earthmate app. See the Help page in the app or on **explore.delorme.com** for more information.
- Set up your MapShare page on **explore.delorme.com** and send a link to your friends and family. They can follow along on your adventures and even send you messages or request your location if you allow them to do so.

Satellite Reception

The inReach requires a clear view of the sky to acquire a GPS fix and transmit your messages over the Iridium® satellite network. This process should take less than one minute, but it could take more time if the line of sight is obstructed.

For the best reception when wearing the inReach, attach it to a backpack strap on your upper body or place it in a pocket at the top of a backpack. If you attach the pack clip to your belt, some of the signal may be blocked by your body and could prevent proper transmission of messages and tracking points.

Using the inReach as a Standalone Device

You can use the inReach as a standalone device when you don't want to use it with an Android phone or Earthmate PN-60w GPS.

Power

- To turn the inReach on, press and hold the **Power** button until the Power LED flashes green and then release the button. When powered on, the **Power** LED will flash green once every three seconds.
- To turn the inReach off, press and hold the **Power** button until the Power LED flashes rapidly and then release the button.
- When power is low, the Power LED flashes red once every three seconds. See **Batteries** on page 4 for more information.
- When there is not enough power to send any messages or tracking points, the Power LED flashes red every 1.5 seconds. See **Batteries** on page 4 for more information.

Tracking

The **Tracking** button allows you to send your location to **explore.delorme.com** when you are using the inReach in standalone mode. When you are moving, your location is sent every 10 minutes. When you are stationary, your location is sent every four hours; if you move more than 100 meters, tracking at 10 minute intervals resumes.

- To start tracking, press and hold the **Tracking** button until the Tracking LED flashes and then release the button. The LED will flash green once every three seconds while tracking until you cancel tracking or turn off the inReach.
- To stop tracking, press and hold the **Tracking** button until the Tracking LED flashes rapidly and then release the button.

You can also use tracking when connected with an Earthmate PN-60w (see page 12) or Android phone (see page 20). In addition, tracking can be initiated from **explore.delorme.com** by anyone who can log in to your account. See the Help at **explore.delorme.com** for more information.

Message

The Message button lets you send predefined inReach messages that you created on **explore.delorme.com**. You can create up to three messages—it's a good idea to make a note of the messages in the proper order and take it with you. The message is sent to contacts you designated on **explore.delorme.com** when you created the message.

- To send predefined message one, press and hold the **Message** button until the Message LED flashes once and then release the button. The Message LED will flash once every three seconds until the message is sent.
- To send predefined message two, press and hold the **Message** button until the Message LED flashes twice and then release the button. The Message LED will flash twice every three seconds until the message is sent.
- To send predefined message three, press and hold the **Message** button until the Message LED flashes three times and then release the button. The Message LED will flash three times every three seconds until the message is sent.

Note The LED flashes for choosing the message will cycle in order until you release the **Message** button to make a selection.

SOS SOS

IMPORTANT! Use SOS only in an emergency. Do not test SOS—all SOS activations are real and a false activation could result in charges to you.

Use the SOS button to send an emergency message to GEOS Search and Rescue when you are using the inReach in standalone mode. You can also use the SOS button on the inReach when it is paired with an Android phone or an Earthmate PN-60w. Your location will be relayed to GEOS Search and Rescue and they will dispatch emergency services and notify the emergency contacts listed in your **explore.delorme.com** account. Your location will automatically update until you cancel the SOS.

Your location will be sent to GEOS as follows:

- First ten minutes, every sixty seconds
- Ten minutes to one hour, every ten minutes
- One hour to eight hours, every 15 minutes
- Eight hours to 24 hours, every 60 minutes

After the first ten minutes, *if you are stationary*, your location is sent every thirty minutes; the transmission rate is slowed to preserve battery life.

If your position changes by more than 100 meters, your location will be sent again. If you don't need to move for safety reasons, stay where you are to preserve battery life and to make it easier for search and rescue to locate you.

To send an SOS message

1. Press and slide the SOS button lock to the left.
2. Press and hold the SOS button until the SOS LED begins to flash and then release the button. The SOS LED will flash green once every three seconds.
When the SOS LED begins flashing green more rapidly (every 1.5 seconds), it indicates that your SOS message was received by a responder at GEOS Search and Rescue and they are acknowledging your message.
3. To confirm that you know GEOS has received your message, press and immediately release the SOS button. The SOS LED will resume flashing green every three seconds.
If you are unable to confirm that you know your message was received, help will still be sent.

If you do not have a clear view of the sky, the SOS messages will be stored and then sent as soon as you have a good signal. The Signal LED will flash green when you have a good signal; it will flash red when you do not have a good signal.

To cancel an SOS message

1. Press and hold the SOS button until the SOS LED flashes rapidly and then release the button.
This sends a message to GEOS Search and Rescue to let them know that the emergency has been resolved and assistance is no longer needed.
2. Press and slide the SOS button lock to the right.

When you cancel SOS, the SOS LED flashes rapidly and then stops. The Signal and Message LEDs flash until the cancellation message has finished sending; do not power off the inReach until the Signal and Message LEDs stop flashing.

IMPORTANT! You must **cancel** SOS to stop GEOS from sending help. Turning off the inReach device (or a connected Android phone or PN-60w) or taking out the batteries will NOT tell GEOS to stop the rescue. If you replace the batteries when an SOS is in progress, press and hold the SOS button again to update your location.

For more information about GEOS, visit **geosalliance.com**.

Locate

Anyone who has your **explore.delorme.com** account login information can send a tracking point request from the website to the inReach to determine the location of the inReach. When the inReach receives the request, it sends a tracking point (a total of two tracking points are used). If you are using the inReach as a standalone device, your inReach will automatically respond. If you are using the inReach with your PN-60w or Android phone, you will be notified of the request. See the Help on **explore.delorme.com** for more information.

Signal LED

The Signal LED indicates the status of the connection between the inReach and the GPS or Iridium satellites. Green flashes indicate that messages or tracking points are being sent. Red flashes indicate that you don't have a good signal and messages or tracking points aren't being sent.

- The Signal LED flashes green once every three seconds when the inReach is sending a message of any type. The LED will stop flashing when the message is sent, unless the inReach is tracking in standalone mode. When tracking in standalone mode, the Signal LED flashes continuously to indicate the status of the GPS satellites.
- The Signal LED flashes red once every three seconds when the inReach is having trouble sending or confirming a message. The Signal LED will flash red until the message is successfully transmitted or cancelled. If the LED is flashing red, try moving to a new location to get a better view of the satellites.

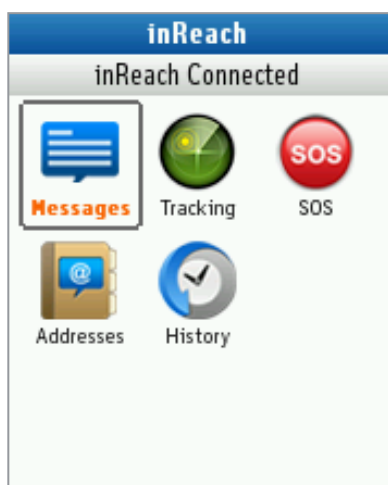
Using the inReach with a PN-60w

When you pair your DeLorme inReach with the DeLorme Earthmate PN-60w, you have the best of both worlds—a powerful, rugged handheld GPS device and the ability to send and receive messages wherever you go—whether you want to share your trip, check in with loved ones, or send an SOS in an emergency.

Note To use the inReach with a PN-60w, you must update the firmware on the PN-60w to version 3.3. You can update the firmware through Earthmate Sync in Topo North America or visit support.delorme.com.

Quick Tips

- To select something—for example, a check box, an on-screen button, or a drop-down list— or to open the on-screen keyboard to enter text, use the arrow keypad to highlight the item and then press **ENTER**.
- To exit a list or screen, press **QUIT**. To exit the on-screen keyboard, highlight **OK** and press **ENTER**.
- For detailed help on using the PN-60w, see the *DeLorme Earthmate PN-60 User Manual* available at manuals.delorme.com.



Pair the inReach and PN-60w

Before you can use the inReach and PN-60w together, you must first pair them. Pairing connects the inReach and PN-60w wirelessly. Once the devices are paired, they automatically connect when they are both powered on and near each other.

1. Open the inReach Page on the PN-60w.
2. Press **MENU**, select **Pair DeLorme inReach** and press **ENTER**.
3. With the inReach powered off, press and hold its **Power** button until the Power LED flashes green. Then, press **ENTER** on the PN-60w.

To unpair the devices, from the inReach Page on the PN-60w, go to **MENU > Unpair DeLorme inReach**.

Note The wireless antenna settings for the PN-60w are found under **Settings > Wireless**.

Sync Account Info

Log in to your account on explore.delorme.com and view your inReach details. Connect the PN-60w to your computer, and then click the red **Sync PN-60w** button at the upper right corner of the website to send contacts—including Facebook and Twitter info—Quick Text messages, and MapShare information to your device. Syncing allows you to send contacts and messages from explore.delorme.com to your PN-60w—contacts you have added to the PN-60w are not synced back to explore.delorme.com.

Note You will be prompted to install the DeLorme GPS Browser Plugin the first time you sync. During the initial process, you will need to close your browser.

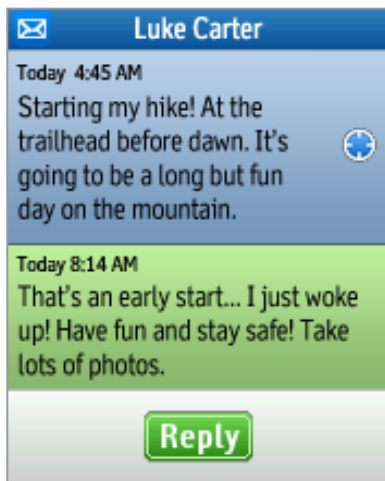
inReach LEDs

The inReach LEDs reflect what you are doing on the PN-60w inReach Page. See *Using the inReach as a Standalone Device* on page 5 for more information.

Messages

The Messages page displays a list of conversations. The number of unread messages is indicated in the page header and the conversations with unread messages are indicated with a green dot. All sent and received messages are available at **explore.delorme.com** and on the History page on the device. See *History* on page 15 for more information.

Messages that you send and receive while the inReach and PN-60w are connected are displayed on the PN-60w Map Page. To view the message details from the map, use the arrow keypad to pan to the message icon and press **ENTER**.



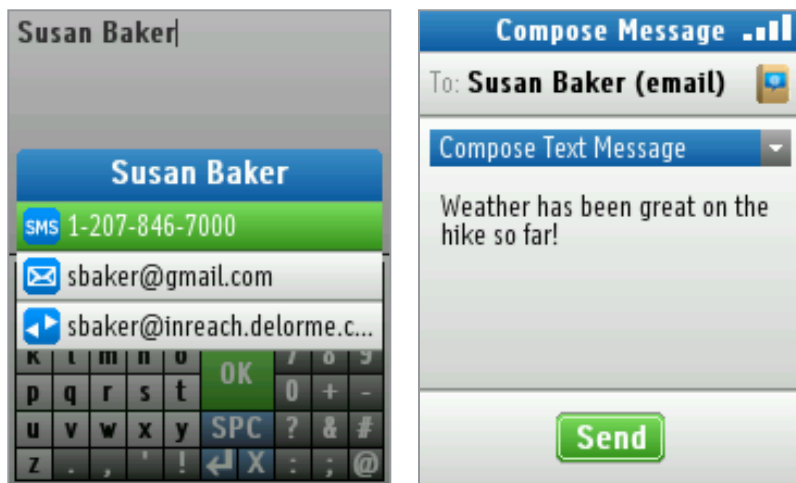
Create Messages

Create messages (of up to 160 characters) and send them to the contacts that you synced from **explore.delorme.com** or add new addresses directly to the PN-60w.

- The predefined Quick Text messages you set up at **explore.delorme.com** and synced to your PN-60w are available in the drop-down list on the Compose Message page, or you can create a new message.
- Post to Facebook and Twitter. Link your accounts at **explore.delorme.com**—Facebook and Twitter will appear in your address book and each has its own conversation thread. You can post to your own Facebook wall or Twitter account; you will not receive comments or replies on the PN-60w.
- Post messages to your MapShare page. You must first set up MapShare on **explore.delorme.com** and sync your PN-60w. MapShare will appear in your address book and it has its own conversation thread.
- Create messages on your PN-60w when you aren't connected to your inReach. When you are connected, the message will be sent.
- On the inReach, the Signal and Message LEDs flash green if the message is sending successfully and red if it is not.

To send a new message

1. From the inReach Page, select **Messages**, and then select **New Message**.
2. With the address text box highlighted, press **ENTER** to open the keyboard.
Start entering a name. Matches from your contact list will appear. Select **OK** to add the name shown or to see all possible matches when multiple matches exist, and then select the address to use. Select **OK** to enter another address. Select **OK** twice to exit.
OR
Enter the entire email address or mobile phone number and press **ENTER**. An address that has not been synced from **explore.delorme.com** to the PN-60w is subtracted from the 160-character composed message allotment. Select **OK** to enter another address. Select **OK** twice to confirm the addresses.
OR
Select the address book to the right of the text box and scroll through your contacts. To select a contact, highlight it and press **ENTER**. Press **QUIT** to exit the list.
3. To select a Quick Text message that you synced from **explore.delorme.com**, select the **Compose Text Message** drop-down list and select the message.
OR
To type a new message, select **Type message here** and press **ENTER**. Then, type the message. The number of characters remaining displays in the Compose Message area.
4. Select **Send**.



To reply to a conversation

1. From the inReach Page, select **Messages**.
2. Select the conversation that you want to reply to. Select **Reply**, and then enter your message.
3. Select **Send**.

Sent Messages

The message sending icon displays until the message is sent. If the failed message icon  appears, the message has not been sent. Make sure the PN-60w and inReach are connected and that you have a clear view of the sky. Attempts to send a failed message will continue until you have a good signal. If after 15 minutes the message has not been sent, you will be prompted to continue sending or cancel the message.

On the inReach, the Signal and Message LEDs flash green if the message is sending successfully and red if it is not.

Message Details

The details page displays information about the message. From the Messages page, select a conversation thread to view the messages, and then select a message to view its details. You can also view message details from History; see page 15 for more information.

To	Do this
View the message location on the map	Select View .
Route to the message location	Select Route . See the <i>DeLorme Earthmate PN-60 User Manual</i> (manuals.delorme.com) for more info about routing.
Mark a waypoint at the message location	Select Mark . See the <i>DeLorme Earthmate PN-60 User Manual</i> (manuals.delorme.com) for more info about waypoints.
Delete the message	Go to MENU > Delete message .

Reference Points

A reference point is a location that is somewhere other than your current location. You can use the PN-60w to send a map location, geocache, or waypoint as a reference point message using the inReach. From the details page for the point, go to **MENU > Send Point/Geocache/Waypoint with inReach**. See the *Earthmate PN-60 User Manual* at manuals.delorme.com for more information.

Sent Messages

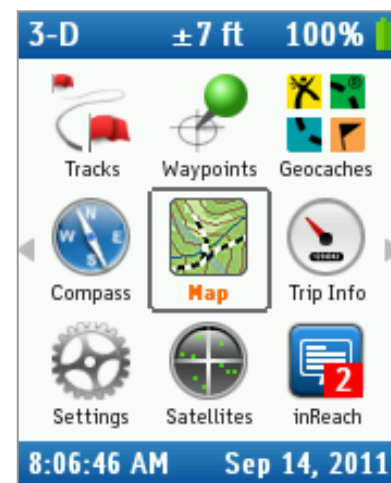
When you send a message, the method used for sending determines how the recipient can respond.

- **Text/SMS message**—Recipients receive a text message. They can reply to the message directly. The carrier's text messaging rates apply in addition to your inReach account messages. The text message also includes a link to a map of your location and an option to reply via the website.
- **Email**—Recipients receive an email with a link. The recipient can use the link to go to a website where they can view your location on a map and reply to you via the website. They cannot reply directly to the email.
- **inReach**—Other inReach users receive a message on their PN-60w or in the Android Earthmate app. They can see your message on their map and can also view the map from the message details page.

Incoming Messages

When you have new messages:

- The inReach icon on the Home Page displays the number of unread messages.
- A sound plays when you receive a message. To control sound settings, go to **Settings > Sound > Message**.
- In the Messages page list, the header indicates the number of unread messages and a green dot indicates the conversations with unread messages.
- You can add someone who sends you a message to your address book or edit an existing address book entry to add a new source. From the conversation thread, go to **MENU > Add Sender as New Contact/Add Sender to Existing Contact**.



Tracking

When you use the inReach's tracking feature with your PN-60w, you can set the interval for placing tracking points on the map at **explore.delorme.com**. The tracking points recorded while the PN-60w and the inReach are paired are visible on the PN-60w's Map Page and you can view information about them in the inReach History page. Regular tracking points are yellow pins and SOS tracking points are red pins.

If you set up a MapShare page on **explore.delorme.com**, you can send a link to share your travels. The MapShare page has options you can customize, so you can allow people to send you messages, send a request to view your current location, or just view the tracking points and messages you send to MapShare.

Tracking Setup	Tracking Details
Set the interval between each tracking point. You can also send a link to your MapShare.	Sending points every 10 minutes while moving. Edit
Interval 10 minutes Edit	Points Sent 1
Share (optional) Send link to friends Share	Time Started 1:55 PM
Stop Tracking	Next Send 00:09:55
	Last Send 1:55 PM
	Stop Tracking

Anyone who has your **explore.delorme.com** account login information can send a location or tracking request from the website to the inReach. When the inReach receives the request, it sends one tracking point for a location request (a total of two tracking points are used) or turns on tracking for a tracking request. If you are using the inReach with your PN-60w, you will be notified of the request. See the Help page on **explore.delorme.com** for more information.

Handing off Tracking

When your PN-60w and inReach are connected, you can start tracking on the PN-60w and then power it off to save battery life—the inReach will begin tracking in standalone mode. No tracking points will be recorded on your PN-60w when it is powered off, but tracking points will be visible on **explore.delorme.com** and on your MapShare page.

Alternatively, if you start tracking on the inReach and then power on your PN-60w, you can monitor tracking on the PN-60w.

You can also stop tracking on either device when they are connected.

To start tracking from the PN-60w

The tracking interval determines how often tracking points are sent via the inReach to **explore.delorme.com** and your MapShare page. To save battery life, select a longer interval so that fewer tracking points are sent while you are moving. When you are stationary, tracking points are sent every four hours; if you move more than 100 meters, tracking resumes at the interval you set.

1. Make sure your inReach is powered on and connected before you begin. From the inReach Page, select **Tracking**.
2. To change the tracking interval, click **Edit**.
3. From the **When moving, send every** drop-down list, select a time interval and then press **QUIT** to exit the interval setup page.
4. On the Tracking Setup page, if you want to send a link to your MapShare page, select **Share**. Then enter or add addresses to your message and click **Send**. The message thread displays—press **QUIT** to exit.
5. On the Tracking Setup page, select **Start Tracking**. The Tracking Details page displays. On the inReach, the Signal and Tracking LEDs flash. If tracking points fail to send successfully, you will be notified.
6. To stop tracking, select **Stop Tracking**.

SOS

IMPORTANT! Use SOS only in an emergency. Do not test SOS—all SOS activations are real and a false activation could result in charges to you.

The SOS feature uses the inReach to send a message to GEOS Search and Rescue in a critical or life-threatening emergency. With the PN-60w, you can type a message giving GEOS details about your situation and they can reply to you. They will dispatch emergency services and notify the emergency contacts you listed in your **explore.delorme.com** account. Your location will automatically update until you cancel the SOS.

Your location will be sent to GEOS as follows:

- First ten minutes, every sixty seconds
- Ten minutes to one hour, every ten minutes
- One hour to eight hours, every 15 minutes
- Eight hours to 24 hours, every 60 minutes

After the first ten minutes, *if you are stationary*, your location is sent every thirty minutes; the transmission rate is slowed to preserve battery life.

If your position changes by more than 100 meters, your location will be sent again. If you don't need to move for safety reasons, stay where you are to preserve battery life and to make it easier for search and rescue to locate you.

You can monitor the SOS on the Tracking page. From there you can also cancel the SOS or send a message to GEOS. The tracking points and messages are also visible on the Map Page.

Note If you do not have a clear view of the sky, the SOS messages will be stored and then sent as soon as you have a good signal. The Signal LED will flash green when messages are being sent; it will flash red when you do not have a good signal.

GEOS	SOS Tracking				
Sep 16, 2011 4:18 PM I've injured my leg in a fall and can't move. Please send help. I'm near the trail and stable for now.	Details Sending your location to emergency services every minute.				
Sep 16, 2011 4:26 PM Rescue is on their way with an ETA of 6 PM. If your situation changes, please let us know.	<table border="1"><tr><td>Points Sent 1</td><td>Time Started 4:18 PM</td></tr><tr><td>Next Send 00:00:28</td><td>Last Send 4:18 PM</td></tr></table>	Points Sent 1	Time Started 4:18 PM	Next Send 00:00:28	Last Send 4:18 PM
Points Sent 1	Time Started 4:18 PM				
Next Send 00:00:28	Last Send 4:18 PM				
Reply Cancel SOS	Send Message Cancel SOS				

Handing off SOS

When your PN-60w and inReach are connected, you can start the SOS on the PN-60w and then power it off to save battery life—the inReach will send the SOS in standalone mode. No SOS tracking points or messages will be recorded on your PN-60w when it is powered off, but both will be visible on **explore.delorme.com**.

Alternatively, if you start SOS on the inReach and then power on your PN-60w, you can monitor SOS tracking and send and receive messages from GEOS Search and Rescue.

The SOS LED on the inReach will flash while the SOS is in progress.

To send an SOS message

1. Make sure your inReach is powered on and connected.
2. From the inReach Page, select **SOS** and then select **Emergency**.
3. Press **ENTER** to select **Compose SOS**. The recipient is GEOS—this cannot be changed.

4. A default message is available, but, if possible, type a message providing details about your emergency.
5. Select **Send SOS**. The countdown timer displays for 10 seconds. To cancel the SOS before it's sent, press **QUIT**.
6. The SOS conversation thread will appear. Select **Reply** to send another message to GEOS or to respond to them.

Note If you do not have a clear view of the sky, the SOS messages will be stored and then sent as you have a good signal. The Signal LED will flash green when messages are being sent; it will flash red when you do not have a good signal.

To cancel an SOS message

Select **Cancel SOS**. This sends a message to GEOS to let them know that the emergency has been resolved and assistance is no longer needed. The SOS message thread will close once the cancellation has been processed. On the inReach, the Signal and Message LEDs flash until the cancellation message has finished sending; do not power off the inReach until the Signal and Message LEDs stop flashing.

You can also cancel the SOS on the inReach; see page 6 for more information.

IMPORTANT! You must **cancel SOS** to stop GEOS from sending help. Turning off the inReach device (or a connected Android phone or PN-60w) or taking out the batteries will NOT tell GEOS to stop the rescue. If you replace the batteries when an SOS is in progress, press and hold the SOS button again to update your location.

For more information about GEOS, visit geosalliance.com.

Addresses

The address book displays a list of contacts you have synced from **explore.delorme.com** as well as any contacts you add to the address book on the PN-60w. Note that contacts you add or delete or edits you make on the PN-60w are not synced back to **explore.delorme.com**—you should update **explore.delorme.com** with any changes you make on your device that you want to keep and then sync again.

You cannot add, edit, or delete Facebook, Twitter, or MapShare contacts on the PN-60w. You must add them to **explore.delorme.com** and sync them to the device.

To view a contact's details

From the inReach Page, select **Addresses**, and then select the contact.

To add a contact

1. From the inReach Page, select **Addresses**, and then select **New Contact**.
2. Complete the contact's information by selecting each field to open the on-screen keyboard.
3. To add fields, press **MENU**, select **Add additional fields**, and select the type of field to add. Then, enter the information.
4. Press **QUIT** to exit.

To edit a contact

1. From the inReach Page, select **Addresses**, and then select the contact to view its details.
2. Select the field to edit OR to add a field, press **MENU**, select **Add additional fields**, and select the type of field to add. Then, enter the information.
3. Press **QUIT** to exit.

To delete a contact

1. From the inReach Page, select **Addresses**, and then select the contact.
2. Go to **MENU > Delete contact**.

History

The History page displays a chronological list of activity by day.

- To view the details for a day, select it. Select **View All** to view all message and tracking points on the map, or select an individual point to view its details.
- To delete all history, from the History page, go to **MENU > Delete All History**.
- To delete the history for a specific day, select the day to view its details, and then go to **MENU > Delete History for Day**.

Using the inReach with an Android Phone

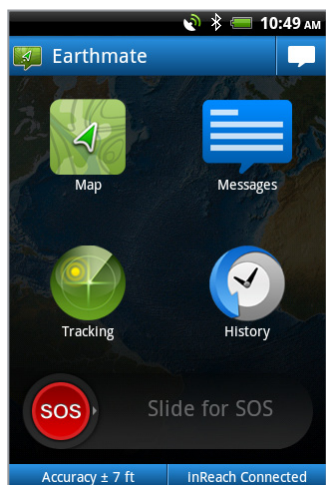
When you pair your DeLorme inReach with your Android phone you can send and receive messages wherever you go. You can share your trip, check in with friends and family, or send an SOS in an emergency.

Android version 2.1 and above is supported; 2.2 or above is recommended.

To get started, go to the Android Market and download the free Earthmate app to your Android phone.

The main menu in the Earthmate app gives you options to pair the inReach, view Help, sync with your account on **explore.delorme.com**, update settings, and exit the app. Additional options are available on each page. Go to the menu within the app to see the options.

Note To close the Earthmate app, go to **MENU > Exit**.



Pair the inReach and Phone

You must pair your inReach with your Android phone to use them together.

- Your phone's Bluetooth must be turned on to pair with the inReach. You will be prompted to turn on Bluetooth in your phone's settings if you don't have it on already.
- If you see your inReach device appear in the list and the searching message is still active, tap **Back** to dismiss the message and then tap the device name.
- Some Android phones require that you confirm the Bluetooth connection. Check the notifications window on your phone if it doesn't appear to be connecting.
- You will need to pair the devices only once; however, if you unpair them for any reason, you will need to pair them again.

To pair the devices, tap **MENU > Pair** and follow the instructions.

Note The wireless antenna settings for the PN-60w are found under **Settings > Wireless**.

If you turn off your phone to save battery life or close the Earthmate app, the inReach will continue any tracking or SOS messaging that is in progress.

Once you pair your inReach and your phone, they will stay paired. To connect them, you must either launch the Earthmate app when the inReach is powered on, or start an activity in the Earthmate app that requires the inReach (such as tracking or sending a message).

Sync Account Info

Log into explore.delorme.com to make sure your account contacts and Quick Text messages are up to date. If you want to post messages to Facebook, Twitter, or your MapShare page, you must set that information up before you sync.

To sync account info

Tap **MENU > Sync** to sync account info from explore.delorme.com with your phone. The first time you sync, you will be prompted to enter your **explore.delorme.com** account info. Note that contacts and quick text messages you add to explore.delorme.com are synced to your phone but contact info you add to your phone is not synced back to explore.delorme.com.

inReach LEDs

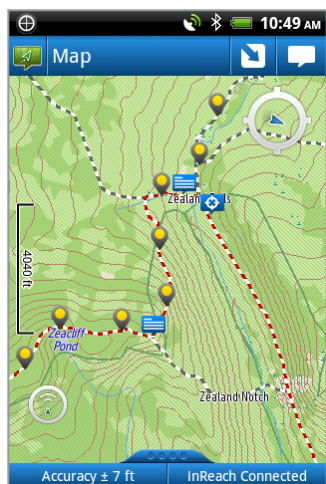
The inReach LEDs reflect what you are doing in the Earthmate app. See *Using the inReach as a Standalone Device* for more information.

Maps

Downloading Maps

The first time you use the map, the world base map will be downloaded. It is recommended that you download the maps when you have a Wi-Fi connection because of the file size. An SD card is required to download maps.

You can download highly-detailed DeLorme topographic maps for North America. Tap the map download icon  to select a region for download.



Map Controls and Settings

See the app's *Map* Help topic for information about map controls and settings. To change map settings, go to **MENU > Settings > Map** (**MENU > Settings** from the Map page).

Reference Points

A reference point is a location that is somewhere other than your current location. To get information about a place on the map, long press the location on the map. The reference point icon  appears. Tap the icon to view details about the point, send a message that includes the reference point, or delete the reference point. When you send a reference point as a message, it is saved on the map.

To view another point, long press another place on the map.

Messages

Tap **Messages** to view a list of conversations. The number of unread messages is indicated in the page header and the conversations with unread messages are indicated by a blue dot.

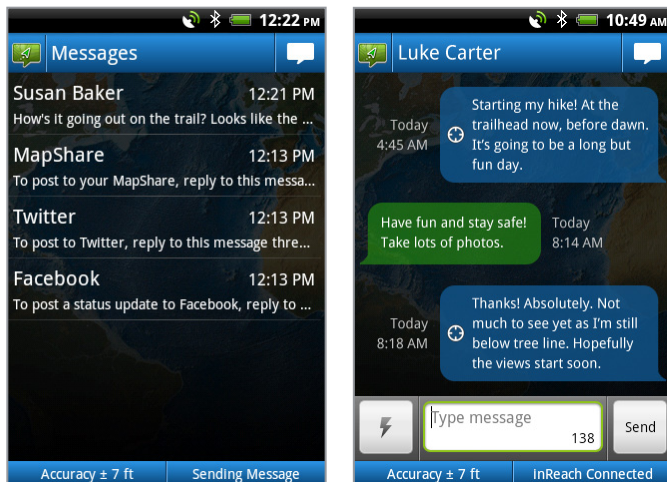
All sent and received messages are available to view at **explore.delorme.com** and are saved to History in the app. See *History* on page 22 for more information.

Messages that you send and receive while your phone is connected to the inReach are displayed on the map.

Create Messages

Create messages (up to 160 characters) and send them to the contacts that you synced from **explore.delorme.com**, contacts on your phone, or add a new address.

- The predefined Quick Text messages you set up at **explore.delorme.com** and synced to your phone are available by tapping the Quick Text icon ⚡ next to the text box or you can create a new message. Quick Text messages synced from **explore.delorme.com** to the Earthmate app use a short code rather than the 160-character limit.
- Post to Facebook and Twitter. Link your accounts at **explore.delorme.com**—Facebook and Twitter will appear under your contact information and each has its own conversation thread. You can post to your own Facebook wall or Twitter account; you will not receive comments or replies in the Earthmate app.
- Post messages to update your MapShare page. You must first set up MapShare on **explore.delorme.com**; see the Help at **explore.delorme.com** for more information. MapShare will appear under your contact information and has its own conversation thread.
- Create messages on your phone when you aren't connected to your inReach. When you are connected within 15 minutes, the message will be sent automatically; you can tap the message to send it if you connect after 15 minutes.



To send a new message

1. Tap the message icon  in the notification bar on the Home, Map, Messages, Tracking, or History pages.
2. Start typing a name in the text box and select a contact.
OR
Tap the contact icon  to open the phone's contact list and then select a contact.
OR
Enter the entire email address or mobile phone number and press **ENTER**. An address that has not been synced from **explore.delorme.com** to your phone is subtracted from the 160-character message allotment. The number of message characters remaining is displayed in the Type message box.
3. To select a Quick Text message that you synced from **explore.delorme.com**, tap the Quick Text icon ⚡ and select the message. The Quick Text will be added to the message area. To edit the message, tap the text box.
OR
Tap **Type message** and enter a new message.

4. Tap **Send**.

To reply to a conversation

1. Tap **Messages**.
2. Tap the conversation that you want to reply to.
Note Facebook, Twitter, and MapShare threads are available if you set them up at **explore.delorme.com** and synced the Earthmate app with your account.
3. Tap **Send**.

Sent Messages

The message sending icon displays until the message is sent. Once the message has been sent, the location icon  is displayed if the phone had a valid GPS fix. If the failed message icon  appears, the message has not been sent. Make sure the phone and inReach are connected and that you have a clear view of the sky. Attempts to send a failed message will continue until you have a good signal. If after 15 minutes the message has not been sent, you will be prompted to continue sending or cancel the message.

On the inReach, the Signal and Message LEDs flash green if the message is sending successfully and red if it is not.

Conversation Threads

The Messages page shows you conversations sent and received using the inReach.

- A blue dot next to a conversation in the list indicates unread messages in that conversation.
- Tap a conversation to open the thread.
- Long press a conversation to view the conversation thread, add a contact, add the current address to the contact, or delete the conversation thread (also deletes it from History).
- From an open conversation thread, go to **MENU > Delete Conversation** to delete a conversation thread. If you delete the default Facebook, Twitter, or MapShare threads, a new thread will be created when you sync again. If you disconnect a Facebook or Twitter account on **explore.delorme.com**, the threads will be deleted.

Message Details

The details page displays information about the message. From the Messages page, tap a conversation thread to view the messages, tap a message, and then tap **View message details**. You can also view message details from History; see page 22 for more information.

To	Do this
View the message location on the map	Tap View on Map .
Forward the location as a reference point	Go to MENU > Forward and send a message that includes the location. See <i>Reference Points</i> on page 17 for more information.
Delete the message	Tap Delete .

Reference Point Messages

You can use the Earthmate app to send a map location as a reference point message using the inReach. See *Reference Points* on page 17 for more information.

Sent Messages

When you send a message, the method used for sending determines how the recipient can respond.

- **Text/SMS message**—Recipients receive a text message. They can reply to the message directly. The carrier's text messaging rates apply in addition to your inReach account messages. The text message also includes a link to a map of your location and an option to reply via the website.

- **Email**—Recipients receive an email with a link. The recipient can use the link to go to a website where they can view your location on a map and reply to you via the website. They cannot reply directly to the email.
- **inReach**—Other inReach users receive a message on their PN-60w or in the Android Earthmate app. They can see your message on their map and can also view the map from the message details page.

Tracking

When you use the inReach's tracking feature with the Earthmate app on your Android phone, you can set the interval for placing tracking points on the map at **explore.delorme.com**. The tracking points recorded while the phone and the inReach are connected are visible on the map in the Earthmate app; you can also view information about them in History—see page 22 for more information.

If you set up a MapShare page on **explore.delorme.com**, you can send a link to share your travels. The MapShare page has options you can customize, so you can allow people to send you messages, send a request to view your current location, or just view the tracking points and messages you send to MapShare.

You can change the tracking interval setting from the main Tracking page or from **MENU > Settings > Tracking**.

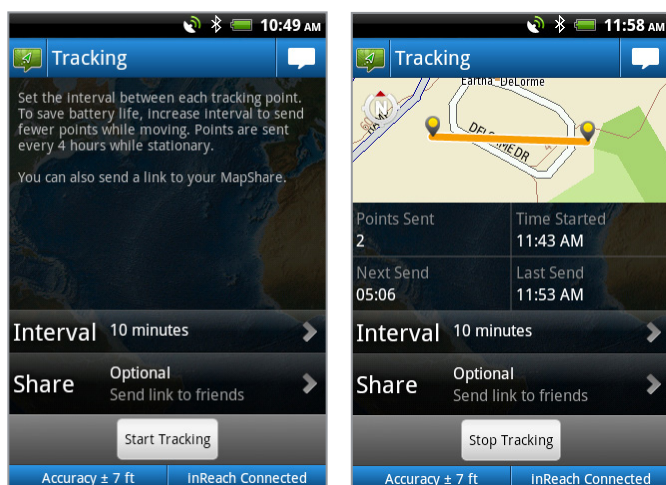
Anyone who has your **explore.delorme.com** account login information can send a location or tracking request from the website to the inReach. When the inReach receives the request, it sends one tracking point for a location request (a total of two tracking points are used) or turns on tracking for a tracking request. If you are using the inReach with your Android phone, you will be notified of the request. See the Help page on **explore.delorme.com** for more information.

Handing off Tracking

When your phone and inReach are connected, you can start tracking on the phone and then power it off to save battery life—the inReach will begin tracking in standalone mode. No tracking points will be recorded in the Earthmate app when the phone is not connected, but tracking points will be visible on **explore.delorme.com** and on your MapShare page.

Alternatively, if you start tracking on the inReach and then power on your phone and open the Earthmate app, you can monitor tracking on your phone.

You can also stop tracking on either device when they are connected.



To start tracking from the Earthmate app

The tracking interval determines how often tracking points are sent via the inReach to **explore.delorme.com** and your MapShare page. To save battery life, select a longer interval so that fewer tracking points are sent while you are moving. When you are stationary, tracking points are sent every four hours; if you move more than 100 meters, tracking resumes at the interval you set.

1. Make sure your inReach is powered on and connected before you begin. In the Earthmate app, tap **Tracking**.
2. To change the tracking interval, tap **Interval** and select an interval.
3. If you want to send a link to your MapShare page, tap **Share**. Then enter or add addresses and your message and tap **Send**. The message thread displays.
4. On the Tracking page, tap **Start Tracking**. The Tracking details page displays. On the inReach, the Signal and Tracking LEDs flash green. If tracking points fail to send, you will be notified.
5. To stop tracking, select **Stop Tracking**.

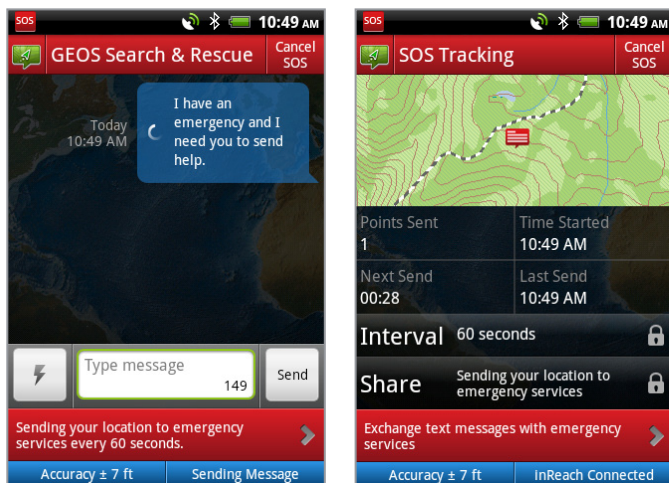
SOS

IMPORTANT! Use SOS only in an emergency. Do not test—all SOS activations are real and a false activation could result in charges to you.

The SOS feature uses the inReach to send a message to GEOS Search and Rescue in a critical or life-threatening emergency. With the Earthmate app and your Android phone, you can type a message giving GEOS details about your situation and they can reply to you. They will dispatch emergency services and notify the emergency contacts you listed in your explore.delorme.com account.

Your location will be sent to GEOS as follows:

- First ten minutes, every sixty seconds
- Ten minutes to one hour, every ten minutes
- One hour to eight hours, every 15 minutes
- Eight hours to 24 hours, every 60 minutes



After the first ten minutes, *if you are stationary*, your location is sent every thirty minutes; the transmission rate is slowed to preserve battery life. If you don't need to move for safety reasons, stay where you are to preserve battery life and to make it easier for search and rescue to locate you.

You can monitor the SOS on the Tracking details page. From there you can also cancel the SOS or go back to the conversation thread. The tracking points and messages are also visible on the map.

Note If you do not have a clear view of the sky, the SOS messages will be stored and then sent as soon as you have a good signal. The Signal LED will flash green when messages are being sent; it will flash red when you do not have a good signal.

Handing off SOS

When your Android phone and inReach are connected, you can start the SOS using the Earthmate app and then power off the phone to save battery life—the inReach will send the SOS in standalone mode. No SOS tracking points or messages will be recorded in the Earthmate app when it is powered off, but both will be visible on **explore.delorme.com**.

Alternatively, if you start SOS on the inReach and then open the Earthmate app, you can monitor SOS tracking and send and receive messages with GEOS Search and Rescue.

The SOS LED on the inReach will flash while the SOS is in progress.

To send an SOS message

1. Make sure your inReach is powered on and connected to the Earthmate app.
2. Tap **SOS** and then tap **This is an emergency**.
3. A default emergency message is available, but, if possible, type a message providing details about your emergency. You can also send a predefined quick text message that you synced from **explore.delorme.com**.
4. Tap **Send**. The countdown timer displays for 10 seconds. To cancel the SOS before it's sent, tap **Cancel**.
5. The SOS conversation thread will appear. To enter a new message, tap the **Type Message** box.

Note If you do not have a clear view of the sky, the SOS messages will be stored and then sent as you have a good signal. The Signal LED will flash green when messages are being sent; it will flash red when you do not have a good signal.

To cancel an SOS message

Tap **Cancel SOS** in the header of any page. This sends a message to GEOS Search and Rescue to let them know that the emergency has been resolved and assistance is no longer needed. The SOS message thread will close once the cancellation has been processed. On the inReach, the Signal and Message LEDs flash until the cancellation message has finished sending; do not power off the inReach until the Signal and Message LEDs stop flashing.

You can also cancel the SOS on the inReach; see page 6 for more information.

IMPORTANT! You must **cancel** SOS to stop GEOS from sending help. Turning off the inReach device (or a connected Android phone or PN-60w) or taking out the batteries will NOT tell GEOS to stop the rescue. If you replace the batteries when an SOS is in progress, press and hold the SOS button again to update your location.

For more information about GEOS, visit **geosalliance.com**.

History

The History page displays a chronological list of activity by day.

- To view the messages and tracking points for a specific day on the map, select the check box for that day. To hide the points on map, clear the check box.
- To view the details for a day, tap it. From the menu, you can rename the day, email the message and tracking points as an attachment, or delete the day.
- To view the details for a specific message or tracking point, tap the item in the day details. From the message details page, you can view the message or tracking point on the map or delete it. From the menu, you can forward the message or point.
- To email the history go to **MENU > Email Day** (from the day details) or **MENU > Email All** (from the main History page). Email attachments in both .gpx and .kml formats are provided.
- To delete the history for a specific day, select the day to view its details, and then go to **MENU > Delete Day**. To delete all history, from the main History page, go to **MENU > Delete All**.

Safety and Legal Information

Safety Information

Disposal

Dispose of all electronic devices in compliance with local regulations in your area.

Driving

Always follow safe driving practices and local rules and regulations regarding the use of wireless devices while driving. Always park safely prior to sending a text message or consulting mapping data.

Pacemakers

Follow the guidelines of the Health Industry Manufacturers Association (www.hira.org) as they may be updated from time to time regarding maintaining minimum distance between a handheld wireless device and a pacemaker to avoid potential interference with the pacemaker.

Hearing Aids

Digital wireless devices may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer's guidelines for that device and consult your physician to determine compatibility with your medical device.

Turn your InReach device OFF in any health care facility when necessary to comply with posted rules and regulations.

Blasting Areas

To avoid interfering with blasting operations, turn your device OFF when in a "blasting area" or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

Potentially Explosive Atmospheres

Power OFF your device and do not remove your battery when you are in any area with a potentially explosive atmosphere. Obey all signs and instructions. Sparks from your battery or from discharge of static electricity in areas such as gasoline filling stations could cause an explosion or fire resulting in serious injury or even death. Areas with a potentially explosive atmosphere are not always clearly marked, and include fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; areas where fuel odors are present (for example, if a gas/propane leak occurs in a car or home); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you normally would be advised to turn off your vehicle.

Legal Information

Certifications

FCC compliance statement (United States)

FCC Class B Part 15

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

CAUTION: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instructions, may cause interference harmful to radio communications. There is no guarantee, however, that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada certification

This device complies with RSS-310 of Industry Canada. Operation is subject to the condition that this device does not cause harmful interference.

Cet appareil est conforme au CNR-310 d'Industrie Canada. Son exploitation est autorisée sous réserve que l'appareil ne cause pas de brouillage préjudiciable.

EU regulatory conformance

DeLorme hereby declares that this DeLorme inReach device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC, Directive 2002/95/EC, and Directive 2002/96/EC. The Declaration of Conformity made under Directive 1999/5/EC (HG nr.88/2003) is available for viewing at the following location in the EU community: **manuals.delorme.com**.

Limited Warranty

INREACH warrants that your INREACH Product will be free from defects in materials and workmanship for one year from the date of purchase. If your INREACH Product fails in normal use, INREACH will, during the first (90) ninety-days after purchase, at its sole option, either repair or replace the unit. INREACH reserves the right to either repair or replace the unit with a new or refurbished unit at its sole discretion. Such repairs or replacements will be made at no charge for labor or materials; however, the customer will be responsible for any shipping charges incurred to send the device to INREACH. After the first ninety (90) days, INREACH will repair your unit, but will not replace it. The repaired or replaced product will be warranted for ninety (90) days from the date of return shipment, or for the balance of the original warranty, whichever is longer. This warranty does not cover failures due to abuse, misuse, accidents, or unauthorized disassembly or modification. Any repairs not performed by INREACH will void this warranty.

INREACH DISCLAIMS ANY LIABILITY FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOSS OF REVENUES OR PROFITS, EVEN IF INREACH HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITED WARRANTY CONTAINED HEREIN IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. ANY AND ALL IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, SHALL LAST FOR 1 YEAR.

This warranty gives you specific legal rights and you may also have other rights which vary by jurisdiction. Some jurisdictions do not allow the exclusion or limitation of relief such as incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty applies to the original purchaser of the product ONLY. REMINDER: Be sure to retain the sales receipt proving the date of your original purchase. This will be needed if warranty service is ever required. INREACH reserves the right to refuse warranty if a receipt is not provided or if the receipt is incomplete/illegible.

inReach Service

Before you return a product, you must contact inReach Support at 207-846-8900. For the latest warranty and repair information, visit **support.delorme.com**.

Specifications

Specifications

- Case: IPX-7 waterproof, impact resistant, and rugged
- Height (including antenna): 4.77"
- Height (not including antenna): 3.40"
- Width: 2.85"
- Depth: 1.73"
- Weight (without batteries): 7 oz
- Weight (with batteries): 8 oz
- Operating temperature range: -20° C to +70° C (-4° F to +158° F)
- Storage temperature range: -45° C to +75° C (-49° F to +167° F)

Battery Life and Usage

Two (2) AA batteries are required for use. Lithium batteries provide the best performance and are strongly recommended. Alkaline and NiMH batteries can be used in an emergency; the low battery warning is not accurate for these types of batteries.

Lithium batteries tested to send one tracking point every ten minutes for 60 hours.

Iridium Communication

Using the DeLorme inReach's Iridium® communication services requires a clear view of the sky. A subscription is required to operate this device. For more information, go to **explore.delorme.com**.

- Frequency Spectrum: 1.61GHz–1.63GHz
- Transmission Power (peak): 1.6W

inReach Wireless Radio

Bluetooth - for Android

- Radio Technology: Bluetooth® compliant
- Frequency Spectrum: 2.40GHz - 2.48GHz unlicensed band
- Transmission Power (peak): 2.5mW

802.15.4 - for Earthmate PN-60w

- Radio technology: IEEE 802.15.4 compliant
- Frequency spectrum: 2.40GHz - 2.48GHz unlicensed band
- Transmission Power (peak): 2.5mW

Resources

User Manuals

manuals.delorme.com

Customer Forums

forum.delorme.com

Technical Support Knowledge Base

support.delorme.com

inReach Customer Service and Support

United States

Customer Service

For questions on returns, order status, or shipments.

Email: sales@delorme.com

Phone: 800-511-2459 (outside the U.S. call 207-847-1165)

Tech Support

Email: tech@delorme.com

Phone: 207-846-8900

Call Customer Service or Tech Support Monday-Friday, 9:00 a.m.– 8:00 p.m. Eastern Time (US & Canada).

Canada

Find information on rate plans, activations, general information, and support at **inreachcanada.com**

Customer Service

inreachcare@roadpost.com

Tech Support

inreachtech@roadpost.com

Phone

800-337-3155

Call Customer Service or Tech Support Monday-Friday, 9:00 a.m.– 6:00 p.m. Eastern Time (US & Canada).